WHAT IS CLAIMED IS:

1. A vibrating screen assembly which comprises:

a frame having a pair of opposed tubular sides and a pair of opposed tubular ends, each said side and each said end having a planar surface;

an upstanding lip extending vertically from each said planar surface to form a rim enclosure;

a ledge extending inwardly from said opposed sides;

a slot in at least said tubular sides;

a gasket that may be press fit into said slot and held therein; and

at least one screen cloth supported on said frame and positioned thereon by said rim enclosure wherein said screen cloth is secured to said frame.

2. A vibrating screen assembly as set forth in Claim 1 including a slot in said tubular ends which aligns with said slot in said tubular sides.

3. A vibrating screen assembly as set forth in Claim 1 wherein said at least one screen cloth is bonded to a perforated plate and wherein said perforated plate rests on said frame and is positioned thereon by said rim enclosure.

4. A vibrating screen assembly as set forth in Claim 1 wherein said tubular cross supports are welded to said opposed tubular sides.

5. A vibrating screen assembly as set forth in Claim 1 including a plurality of said screen cloths.

6. A vibrating screen assembly as set forth in Claim 1 wherein said sides and said ends are cut to size from extruded lengths.

7. A vibrating screen assembly as set forth in Claim 6 wherein said sides and said ends are fabricated from aluminum.

8. A vibrating screen assembly as set forth in Claim 3 wherein said screen cloths are bonded to said perforated plate by heat and pressure.

9. A vibrating screen assembly as set forth in Claim 3 wherein said perforated plate and said screen cloths are secured to said frame by adhesive.

10. A vibrating screen assembly as set forth in Claim 1 wherein said slot is in an underside of said sides and said ends opposed to said planar surface and forms a continuous channel.

11. A vibrating screen assembly as set forth in Claim 1 wherein said elastomeric gasket is elastomeric, compressible and resilient.

12. A vibrating screen assembly as set forth in Claim 1 wherein said elastomeric gasket is fabricated from neoprene.

13. A vibrating screen assembly as set forth in Claim 1 wherein said gasket is fabricated from polyethylene.

14. A vibrating screen assembly as set forth in Claim 1 wherein said gasket is cut to size from extruded lengths.

15. A vibrating screen assembly as set forth in Claim 1 wherein said elastomeric gasket has a lower surface to rest on a vibrating shaker, a reduced portion having a width less than a width of said slot, and an upper portion having a width larger than said width of said slot.

16. A vibrating screen assembly which comprises:

a continuous frame of a pair of side tubes and a pair of end tubes, each said tube having a planar surface;

a lip extending vertically from said planar surface to form a rim enclosure;

a ledge extending inwardly from said side tubes;

a slot in said continuous frame;

an elastomeric gasket mechanically locked in said slot without adhesive or fasteners; and

a perforated plate with at least one screen cloth thereon positioned within said rim enclosure and secured to said planar surface.

17. A vibrating screen assembly as set forth in Claim 16 including a plurality of tubular cross supports resting on said ledge and connected to said leg.

18. A vibrating screen assembly as set forth in Claim 16 wherein said side tubes and said end tubes are each extruded and cut in lengths to form said sides and ends.

19. A vibrating screen assembly as set forth in Claim 16 wherein each said side tube has a side wall perpendicular to said planar surface, wherein said ledge extends perpendicularly from said side wall.

20. A vibrating screen assembly as set forth in Claim 16 wherein said slot is in an underside of said continuous frame opposed to said planar surface and forms a continuous channel.

21. A vibrating screen assembly as set forth in Claim 16 wherein said gasket is elastomeric, compressible and resilient.

22. A vibrating screen assembly as set forth in Claim 16 wherein said gasket is cut to size from extruded lengths.

23. A vibrating screen assembly as set forth in Claim 15 wherein said gasket is neoprene.

24. A vibrating screen assembly as set forth in Claim 15 wherein said gasket is polyethylene.

25. A vibrating screen assembly as set forth in Claim 15 wherein said gasket has a lower surface to rest on a vibrating shaker, a reduced portion having a width less than a width of said slot, and an upper portion having a width larger than said width of said slot.